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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/541,601-Conf. #8968
				Filing Date	July 7, 2005
				First Named Inventor	Takuma SAWAYA
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	0020-5397PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ca	AA	US-6,337,668-B1	01-08-2002	Ito et al.	
ca	AB	US-5,767,807-A	06-16-1998	Pritchett	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number-Kind Code ⁴ (if known)			
ca	BA	EP-1 035 614-A2	09-13-2000		
ca	BB	JP-2002-111559-A	04-12-2002		ABS
ca	BC	JP-2002-374116-A	12-26-2002		ABS
ca	BD	JP-2002-261532-A	09-13-2002		ABS
ca	BE	JP-2002-330019-A	11-15-2002		ABS
ca	BF	EP-0 812 026-A2	12-10-1997		
ca	BG	JP-55-52603-A	04-17-1980		ABS

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NON PATENT LITERATURE DOCUMENTS					
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ca	CA	Takashi ENOKI et al., 2000 Nen The Institute of Electronics, Information and Communication Engineers Sogo Taikai Koen Ronbunshu, March 7, 2000, page 75			

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Examiner Signature	shih-hsien chen	Date Considered	9/24/07
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Substitute for form 1449/PTO				Complete If Known	
				Application Number	10/541,601-Conf. #8968
				Filing Date	April 7, 2006
				First Named Inventor	Takuma SAWATANI
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	0020-5397PUS1

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ce	AA*	US-6,492,942	MM-DD-YYYY 12-10-2002	Kezys et al.	
ce	AB*	US-2002/0132581-A1	09-19-2002	Ichihara	

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ce	BA	WO-01/35490-A1	MM-DD-YYYY 05-17-2001		T ⁶

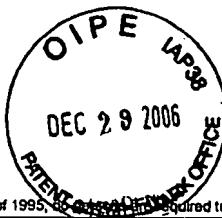
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ce	CA	Cheng et. al., IEICE TRANS. COMMUN., Vol. E84-B, No.7, pp. 1790-1800 (July 2001)			T ²
ce	CB	Shishkov et. al., "Adaptive Beamforming Of Espar Antenna Based On Stochastic Approximation Theory", (2001)			
ce	CC	Gyoda et. al., "Design of electronically steerable passive array radiator (ESPAR) antennas" Vol. 2, pp. 922-925 (2001)			
ce	CD	Anonymous: Research and development of a 3-element planar ESPAR antenna for Binary Reactance Diversity" pp. 1-2 INTERNET ARTICLE (2002)			

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Examiner Signature	shih-chao chen	Date Considered	9/24/07
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PTO/SB/08A/B (09-06)

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				Filing Date	April 7, 2006
				First Named Inventor	Takuma SAWATANI
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
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ce	BA	KR2000-0062747	10-25-2000	Ito et al.	

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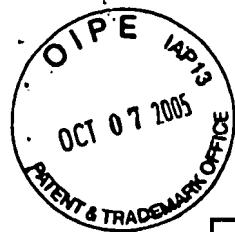
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Birch, Stewart, Kolasch & Birch, LLP

CG/jm



PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2				Complete If Known	
				Application Number	10/541,601
				Filing Date	July 7, 2005
				First Named Inventor	Takuma SAWATANI
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	0020-5397PUS1

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ca	AA*	US-6,677,898-B2	01-13-2004	Cheng et al.	
ca	AB*	US-6,407,719-B1	06-18-2002	Ohira et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (# known)				
ca	BA	JP-2002118414-A	04-19-2004			✓

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ca	CA	Ohira et al., 2000 IEEE International Conf. on Phased Array System & Technology, pp. 101-104, Dana Point, CA., May 21-25, 2000.	
ca	CB	Ohira, Technical Report of the Institute of Electronics, Information and Communication Engineers in Japan, IEICE, AP2001-16, SAT2001-3, pp. 15-20, May 2001.	
ca	CC	Ayoma et al., Proceedings of General Conference of IEICE, B-5-224, p. 695, March 27-30, 2002 together with English translation thereof.	
ca	CD	Ohira et al., Technical Report of IEICE, AP2000-44, pp. 7-14, July 2000.	
ca	CE	Murase et al., IEEE Transactions on Vehicular Technology, Vol. 43, No. 3, pp. 537-541, August 1994.	
ca	CF	Arai, H. Sougou Denshi Shuppansha, 1st Ed., April 9, 1996, pp. 151-155 together with a partial English translation thereof.	
ca	CG	Rustako, Jr. et al., IEEE Transactions on Communications, Vol. COM-21, No. 11, pp. 1257-1268, November 1973.	
ca	CH	Afrashteh et al., Conference Record of Globecom '88 Hollywood, pp. 810-814, November 1988.	
ca	CI	Akaiwa, Y., Proceeding of 39th IEEE Vehicle Technology Conf., pp. 470-473, 1989.	
ca	CJ	Proakis, J.G., Digital Communications, 3rd Ed., pp. 274-277, McGraw-Hill, New York, 1995.	
ca	CK	Taromaru et al., Technical Report of IEICE, RCS2002-179, pp. 43-48, October 2002.	
ca	CL	Ohira et al., Technical Report of IEICE, AP2002-93, pp. 13-18, October 2002.	
ca	CM	Partial English translation of Enoki et al., Proceedings of General Conference of The Electronics, Information and Communications Engineers in Japan, March 2000.	

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				Application Number	10/541601
				Filing Date	July 7, 2005
				First Named Inventor	Takuma SAWATANI
				Art Unit	441-7821
				Examiner Name	Not Yet Assigned shib-chao-chen
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CC	BC	JP-2002-374116-A	12-26-2002		ABS
CC	BD	JP-2002-261532-A	09-13-2002		ABS
CC	BE	JP-2002-330019-A	11-15-2002		ABS
CC	BF	EU-0 812 026-A2	12-10-1997		
CC	BG	JP-55-52603-A	04-17-1980		ABS

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Birch, Stewart, Kolasch & Birch, LLP			

CG/smt